Homework 4

1. The domain of discourse is students at WOU. Consider the following statement: Someone at WOU loves math and history.

   a Let $p(x)$: "x loves math"
   $q(x)$: "x loves history".
   What is the logical form of the statement above?

   b Negate the logical form in part a (showing every step in a two column format).

   c Write your answer from part b in a sentence.

2. section 2.1: 8

3. section 2.2: 2,3,9,12abc

4. section 3.1: 2,3